PRODUCTS: D945GCCR (Standard BIOS)

BIOS Version 0060

About This BIOS:
- August 8, 2008
- CR94510J.86A.0060.2008.0807.1918
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed issue where new BIOS SETUP settings may contain random data when using Flex EFI Variable updates.
- Fixed a potential VPD corruption issue.
- Added verification of empty (0xFF) SPI space before writing the variable.
- Moved MTC and memory configuration data to CMOS.
- Fixed issue where USB camera caused long POST delay.
- Clear keyboard buffer prior to boot.

BIOS Version 0059

About This BIOS:
- January 16, 2008
- CR94510J.86A.0059.2008.0116.1535
- VBIOS info:
  Build Number: 1295 PC 14.12
- PXE Nahum info:
  Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed the HW monitor remote temperature issue.
- Set DMI chassis type default to Desktop.
- Updated the graphics for Express BIOS Update.
- Updated processor support.
- Fixed issue where a synthetic reset test environment causes UHCI USB abnormal.
- Fixed potential variable corruption issue.
- Removed Intel Precision Cooling section.

BIOS Version 0054

About This BIOS:
- August 30, 2007
- CR94510J.86A.0054.2007.0830.2024
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

*Other names and brands may be claimed as the property of others.

New Fixes/Features:

- Fixed issue where BIOS shows core multiplexing technology item for Celeron CPU.
- Fixed issue where large images added to BIOS capsule will cause POST failure.
- Fixed ITKData updates to support token applicability checks.
- Fixed issue where using EBU flash will show error message after BIOS reflash.
- Fixed boot devices that are disabled from F2 setup or IIA are not correctly reflected in EPCSUTILWIN/ITK/IIA after a reboot.
- Fixed issue where after doing an ITK Remove and changing the Boot Menu Type to Advanced, normal boot list is empty.
- Fixed issue where ITK or IIA could not access Boot Priority List when all the boot devices disabled in the BIOS Setup.
- Fixed issue where Advanced boot order is not being populated correctly in IIA.
- Added boot order to map file "Do Not Show" list.

BIOS Version 0052

About This BIOS:

- July 12, 2007
- CR94510J.86A.0052.2007.0712.1758
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:

- Updated processor support.
- Added additional EHCI controller fix, according to the ICH7 Specification update 2.3.
- Added PEG additional fix, according to the Intel-945G/P Express Chipsets BIOS Specification Update 1.54.
- Hid BIOS setup option "IGD aperture size".
- Removed S3 function workaround.
- Added ITK fix, which a generated BIO file with BIOS settings modified by using ITK does not set the new settings to the "Optimal Defaults" value.
- Fixed VT Function issue, and set the default to disable.
- Fixed the issue which plug in a PCIe VGA card, should disable IGD.
- Fixed issue which S3 function broken after first tested S4 under S1 mode.

BIOS Version 0049

About This BIOS:

- May 22, 2007
- CR94510J.86A.0049.2007.0522.1433
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:

- Updated processor support.
- Fixed no LOGO screen when power on the system.

- Fixed issue where setting "After Power failure" to "Last State", the system didn't turn on automatically after re-plugging the power cable.
- Fixed issue where pressing "DEL" key can get into setup menu.

BIOS Version 0045

About This BIOS:
- April 18, 2007
- CR94510J.86A.0045.2007.0418.1532
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed the issue of long boot time if all SATA HDD and IDE HD are installed.
- Fixed the issue of processor speed shows incorrectly in SCU.
- Fixed and issue where SATA HDD DMA mode shows incorrectly in the operating system.
- Updated processor support.
- Fixed the issue of the microcode not in the FvMain of .rom file.
- Fixed the HWM initialization.
- Fixed BIOS to support the iFlash /f function.
- Fixed display of processor frequency for 3.06GHz processors.
- Fixed the failure of operating system installation when SLP 2.0 is installed and using EIST CPU.

BIOS Version 0039

About This BIOS:
- March 06, 2007
- CR94510J.86A.0039.2007.0306.1708
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed issue with fan control Enable/Disable.
- Fixed issue with system automatic power on.
- Fixed issue with PS2 mouse.
- Updated temperature readings bit.
- Fixed 2x cache memory display.
- Fixed compatibility issue with certain optical drive.
- Programmed PCI SVID/SSID for PCIE graphics bridge.
- Fixed issue with SLP 2.0.
- Updated processor support.

BIOS Version 0037

About This BIOS:
- January 03, 2007
- CR94510J.86A.0037.2007.0103.1611
- VBIOS info: Build Number: 1295 PC 14.12

- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed PCITEST (PCITEST) failure.
- Fixed Selftest MCHBAR error.
- Fixed SMSC internal temperature issue.
- Fixed if no boot device, the BIOS will lock on error message.
- Fixed some USB keyboard LED not synchronous with PS2 keyboard.
- Fixed chassis intrusion issue.
- Fixed S3 to S4 transition event.
- Fixed Config mode clear password will hang.

BIOS Version 0033

About This BIOS:
- December 19, 2006
- CR94510J.86A.0033.2006.1219.1514
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Fixed standby resume port 80 display.
- Fixed Error SMBiosIsTargContDistEnabled - Bit 2 of byte 2 in the BIOS Characteristics Extension field must be set.
- Fixed Error SMBiosCheckTypeSpecificData - Processor Socket Designation cannot be NULL.
- Fixed MFG mode default setting.

BIOS Version 0031

About This BIOS:
- December 15, 2006
- CR94510J.86A.0031.2006.1212.1648
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 085)

New Fixes/Features:
- Initial production BIOS release

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